

Appln. No. 10/826,013

Attorney Docket No. 10541-1991
V203-0314**I. Amendments to the Specification**

Please amend paragraphs [0023] and [0029] as follows:

[0023] The back end 44 of the knob 16 preferably defines a wave-shaped surface having a plurality of peaks 52 and troughs 54. The peaks 52 are defined as the portions of the protrusions 50 that are located furthest from the first end 42 of the knob 16 along a line parallel with the longitudinal axis 22, and the troughs 54 are defined as the areas between the peaks 52 and that are closest to the first end 42 of the knob 16 along a line parallel to the longitudinal axis 22. As shown in Figure 2, the wave-shaped surface of the second end 44 is preferably defined by a sinusoidal function 56. This creates a consistent feel for the user during rotation of the knob assembly 10 and such that each predetermined angle of rotation that the knob 16 is rotated will cause a signal to be sent to the controller. ~~Furthermore, the wave-shaped surface defines a generally smooth path along the sinusoidal function 56, thereby creating a generally smooth feel for the user during rotation of the knob assembly 10. More specifically, the wave shaped surface includes generally arcuate waves to create the smooth feel.~~

[0029] First of all, as shown in Figure 2, the distance between the peak 52 of one of the protrusions 50 and the peak 52 of an adjacent protrusion 50 is defined as the wave length. The wave length 58 determines the angle of rotation necessary to adjust the knob 16 by one setting level. For example, if the knob 16 controls volume for a device (not shown) the wave length 58 controls the angle of rotation that is necessary in order to adjust the volume level of the device by one increment. As mentioned above, each predetermined angle of rotation that the knob 16 is rotated

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will cause a signal to be sent to the controller. As a result, the wave lengths 58
between adjacent protrusions 50 are generally equal to each other so that the peaks
52 are generally equally-spaced along the knob 16.



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